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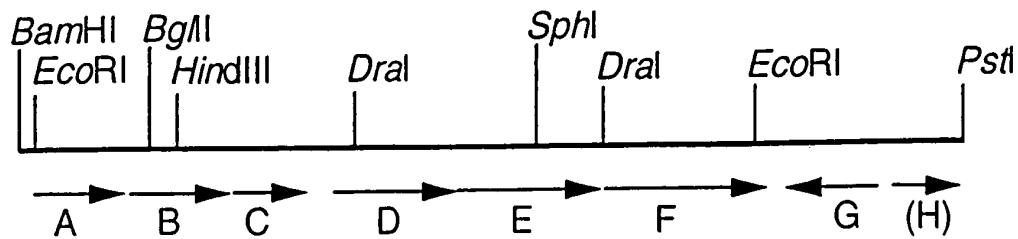
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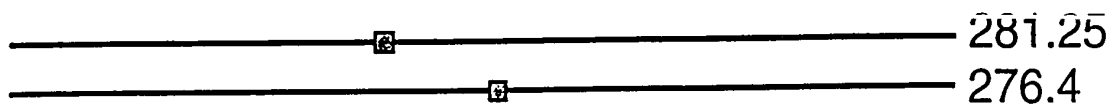
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(A) Lipooligosaccharide synthesis genes (*lsg*)



(B) Transposon inserts



(C) Chimeric transformants

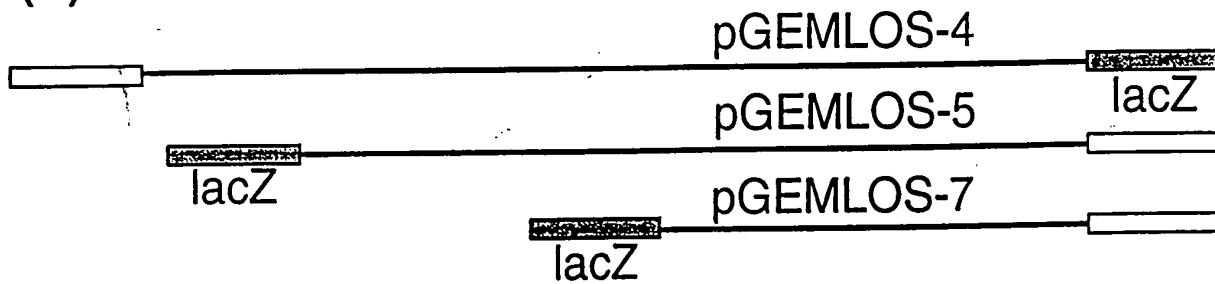
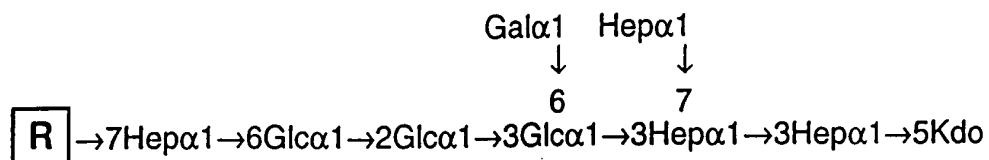
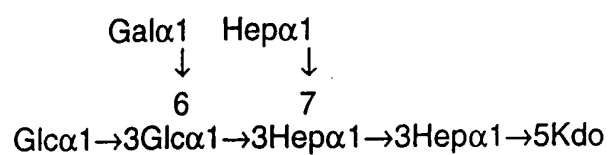


Figure 1

Figure 2

E. coli r-LPS

pGEM



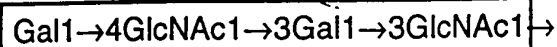
Chimeric LPS

R =

pGEMLOS-7



pGEMLOS-5



pGEMLOS-4



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Figure 3